

Governor's Drought Interagency Coordinating Group

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Colorado River Management

Arizona Department of Water Resources

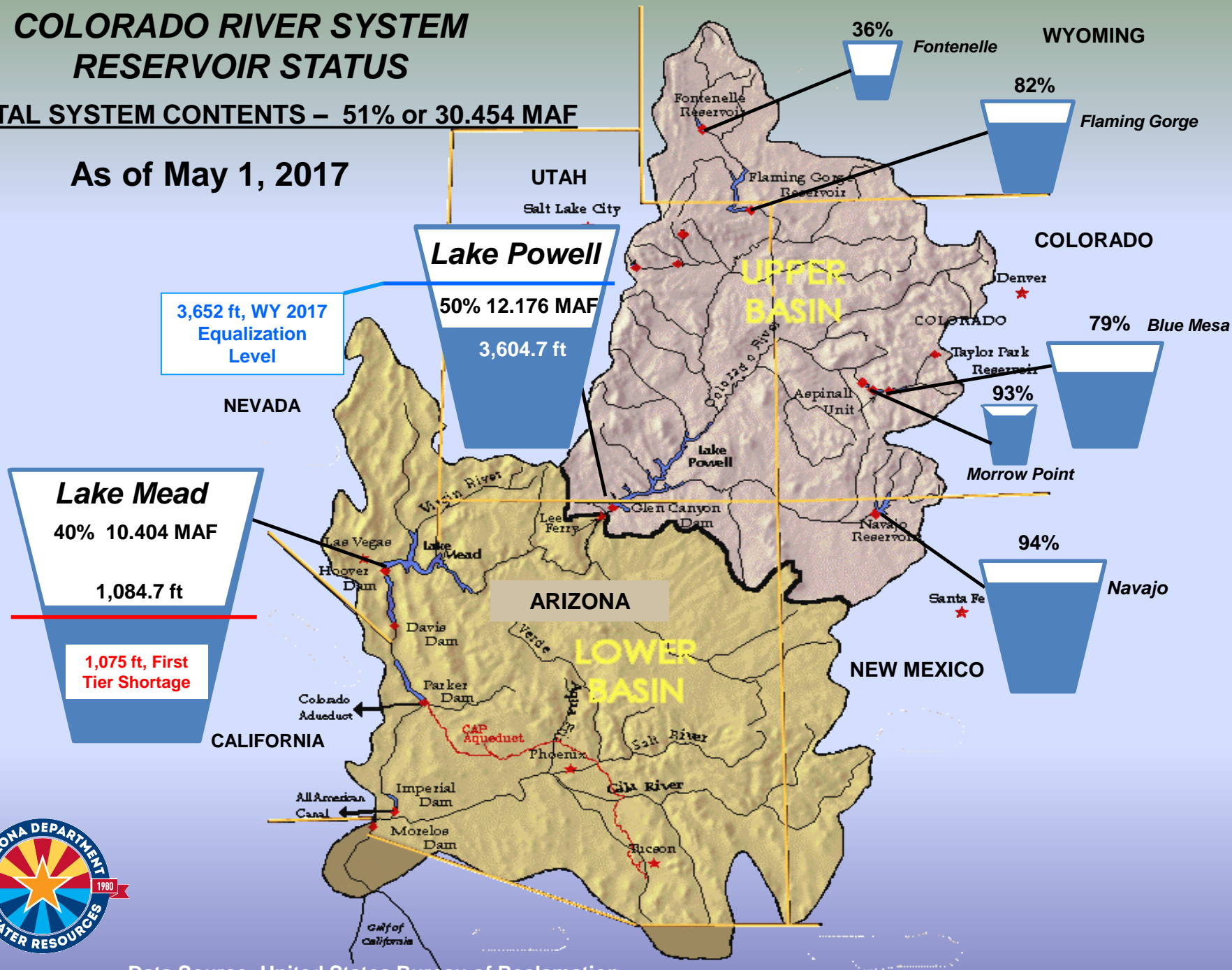
May 9, 2017



COLORADO RIVER SYSTEM RESERVOIR STATUS

TOTAL SYSTEM CONTENTS – 51% or 30.454 MAF

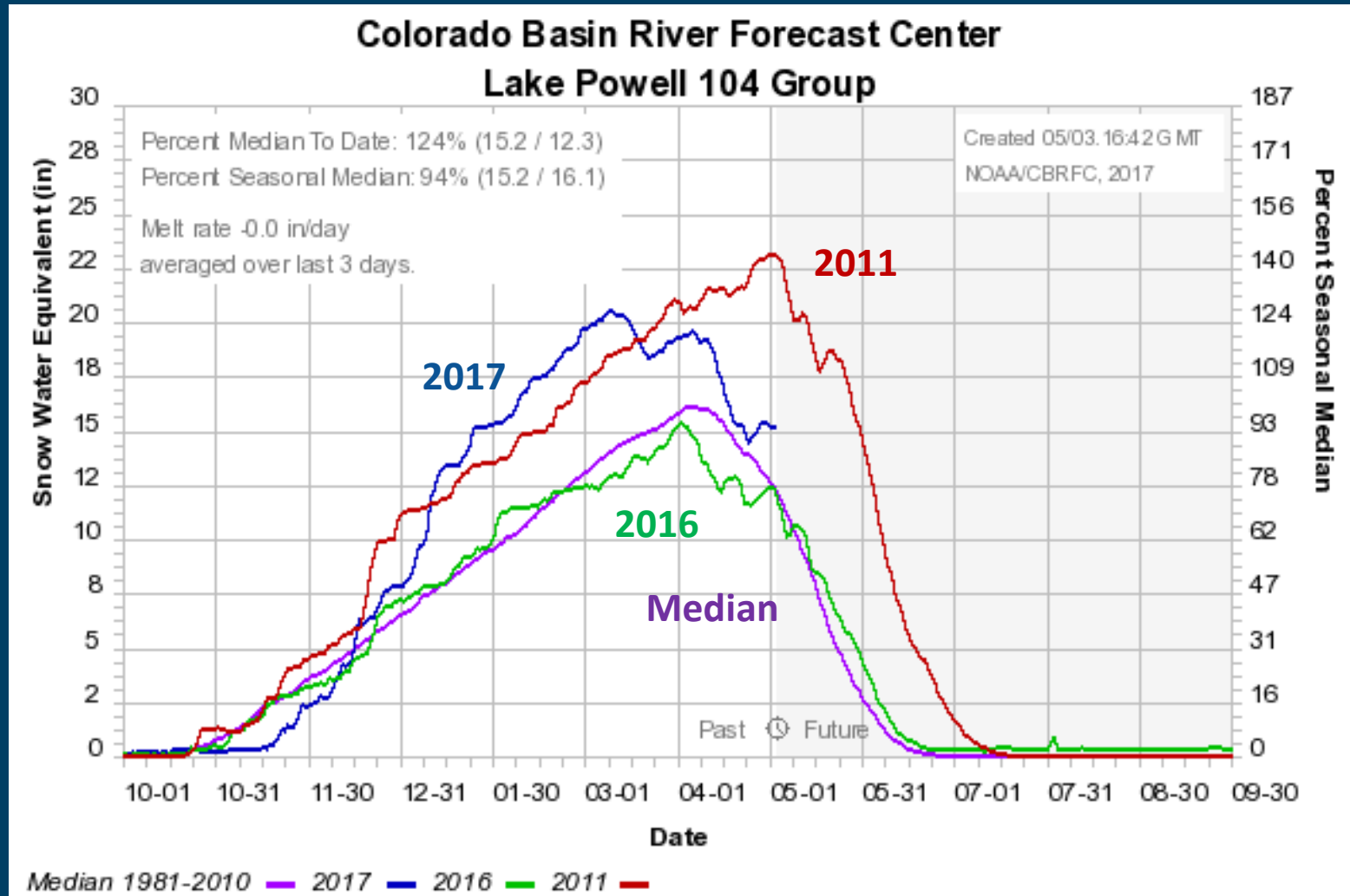
As of May 1, 2017



Data Source: United States Bureau of Reclamation



COLORADO RIVER BASIN FORECAST CENTER CURRENT SNOWPACK



Source: Colorado Basin River Forecast Center



COLORADO RIVER BASIN FORECAST CENTER INFLOW FORECAST COMPARISON

	Apr-Jul 2017	% of Normal	Water Year 2017	% of Normal
May 2017 Forecast	8.8 MAF	123%	12.9 MAF	119%
March 2017 Forecast	10.4 MAF	145%	14.3 MAF	132%
January 2017 Forecast	9.0 MAF	126%	12.1 MAF	112%



Lower Basin Side Inflows – WY/CY 2017^{1,2}

Intervening Flow from Glen Canyon to Hoover Dam

Month in WY/CY 2017		5-Year Average Intervening Flow (KAF)	Observed Intervening Flow (KAF)	Observed Intervening Flow (% of Average)	Difference From 5-Year Average (KAF)
HISTORICAL	October 2016	71	78	110%	7
	November 2016	65	77	120%	13
	December 2016	51	63	124%	12
	January 2017	64	128	202%	65
	February 2017	72	148	206%	77
	March 2017	46	99	217%	53
FUTURE	April 2017	39			
	May 2017	26			
	June 2017	10			
	July 2017	77			
	August 2017	127			
	September 2017	110			
	October 2017	71			
	November 2017	65			
	December 2017	51			
WY 2017 Totals		757	984	130%	227
CY 2017 Totals		757	952	126%	195

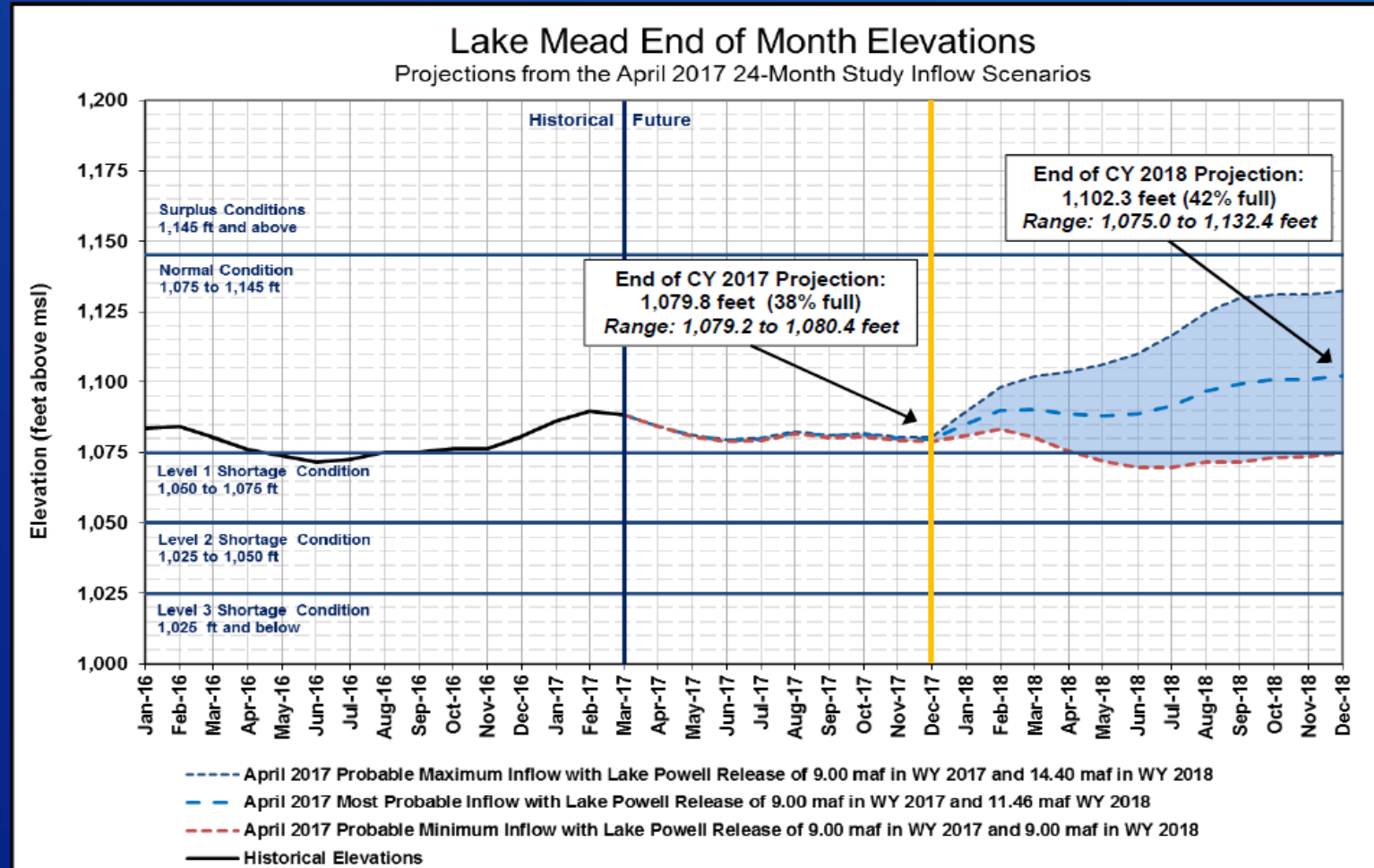
¹ Values were computed with the LC's gain-loss model for the most recent 24-month study.

² Percents of average are based on the 5-year mean from 2012-2016.

RECLAMATION

LAKE MEAD END OF ON MONTH ELEVATIONS

April 2017 24-Month Study Projections



RECLAMATION

Source: United States Bureau of Reclamation

Probabilities of Lower Colorado River Basin Shortage

U.S. Bureau of Reclamation CRSS Model Run – August 2016

	2017	2018	2019	2020	2021
Probability of any level of shortage (Mead \leq 1,075 ft.)	0	48	60	60	56
1 st level shortage (Mead \leq 1,075 and \geq 1,050 ft)	0	48	50	41	33
2 nd level shortage (Mead $<$ 1,050 and \geq 1,025 ft)	0	0	10	16	16
3 rd level shortage (Mead $<$ 1,025)	0	0	0	3	7

U.S. Bureau of Reclamation MTOM/CRSS Model Run – April 2017 (N = Negligible)

	2017	2018	2019	2020	2021
Probability of any level of shortage (Mead \leq 1,075 ft.)	0	N	31	32	34
1 st level shortage (Mead \leq 1,075 and \geq 1,050 ft)	0	0	31	31	26
2 nd level shortage (Mead $<$ 1,050 and \geq 1,025 ft)	0	0	0	1	8
3 rd level shortage (Mead $<$ 1,025)	0	0	0	0	<1



Questions?

